

May-09-12 1:45:09 PM

Page 1

[illegible]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 84314

**\*84314\***

Page 2

May-09-12 1:45:09 PM

Item ID: D3034-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Bearpaw  
 Start Date: 09/05/2012 Start Qty: 4.00 **\*4\*** Cust Item ID:  
 Required Date: 23/05/2012 Req'd Qty: 4.00 **\*4\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

150 QC8- Inspect parts - second check 0.00

**\*150\***

QC Memo 0.00

Quality Control

*Jul 12-06-29*

*# #*

151 Identify as per dwg & Stock Location: \_\_\_\_\_ 0.00

**\*151\***

Packaging Memo 0.00

Packaging

*PPN  
84313*

*12/06/29 (4)*

190 QC21- Final Inspection - Work Order Release 0.00

**\*190\***

QC Memo 0.00

Quality Control

*MLJ 12/06/29*

*MF  
12-06-29*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

May-09-12 1:45:14 PM

Page 1

Work Order ID: 84314

\*84314\*

Parent Item: D3034-1

\*D3034-1\*

Parent Item Name: Bearpaw

Start Date: 09/05/2012

Required Date: 23/05/2012

Start Qty: 4.00

Required Qty: 4.00

## Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MUHMWB10		Purchased	No			120	sf	53.2100	4.16	16.64			

\*MUHMWB10\*

UHMW 1" Black

\*\*

B12-6-2

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT018	30.1	
120972	3	
121346	27.1	
MAT019	1.5	
118814	1.5	
ST052	21.60999474	
121277	12.8	
121278	8.80999474	

121581  
5

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
121857

(4)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

D3034DART AEROSPACE LTD		Work Order:	84314
Description: Bearpaw		Part Number:	D3034-1
Inspection Dwg: D3034	Rev: A1	Page 1 of 1	

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Inspection Sheet	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	11.75	+/-0.030	11.75	✓		Tape	
B	3.40	+/-0.030	3.380	✓		↓	
C	19.00	+/-0.030	19.00	✓		↓	
D	0.375	+/-0.010	.383	✓		SLO8	
E	0.950	+0.030/-0.010	.953	✓		Tape	
F	0.06 x 45°	+0.030/-0.010	.060 x 45°	✓		SLO8	
G	0.25 x 45°	+/-0.030	.240 x 45°	✓		"	
H	R0.25	+/-0.030	R.250	✓		Rad gauge	
I	0.630	+/-0.030	.630	✓		SLO8	
J	0.250	+/-0.010	.257	✓		Tape	
K	4.50	+/-0.030	4.480	✓		↓	
L	0.20	+/-0.030	.194	✓		↓	
M	Ø0.260	+0.005/-0.000	Ø.261	✓		SLO8	
N	Ø0.93	+/-0.030	Ø.925	✓		"	
O	0.30	+0.030/-0.000	.300	✓		Tape	
P	28.25	+/-0.030	28.25	✓		↓	
Q	0.37	+/-0.030	.384	✓		↓	
R	4.750	+/-0.030	4.755	✓		↓	
S	9.750	+/-0.010	9.750	✓		↓	
T	11.000	+/-0.010	11.000	✓		↓	
U	8.66	+/-0.030	8.66	✓		↓	
V	5.000	+/-0.010	4.999	✓		↓	

Measured by:	<i>SS</i>	Audited by:	<i>Full</i>	Prototype Approval:	N/A
Date:	12/06/27	Date:	12.06.29	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	03.09.22	New Issue P/O D119-647-011	KJ/RF <i>RF</i>	<i>RF</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

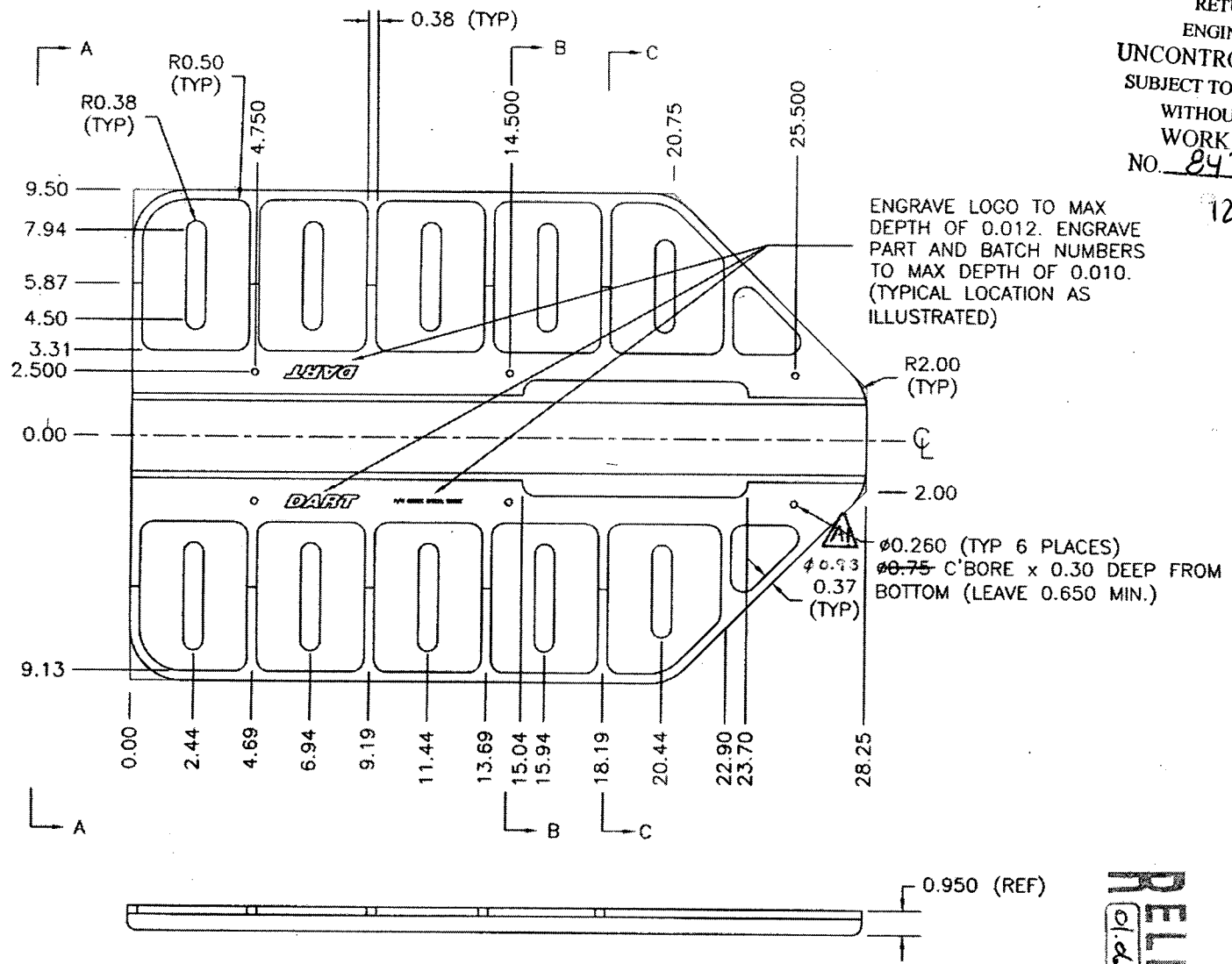


A1 03 01.06 0.93 WAS 0.75

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 84314 MLJ

12/05/09

**DART**



D3034-1  
BEARPAW IS SYMMETRIC ABOUT CENTERLINE (EXCEPT FOR ENGRAVING)  
MATERIAL: UHMW BLACK PER SPEC CONTROL DRAWING D2689  
1.00 THICK (MACHINE TO 0.950)  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED  
01.06.26

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
CHECKED <i>RF</i>	APPROVED <i>CP</i>	PORT HADLOCK, WA
DATE 01.06.21	DRAWING NO. D3034	REV. A
	TITLE BEARPAW	SHEET 1 OF 2
	NEW ISSUE	SCALE 1:6

Copyright © 2001 by DART Aerospace USA, Inc.  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART Aerospace USA, Inc.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

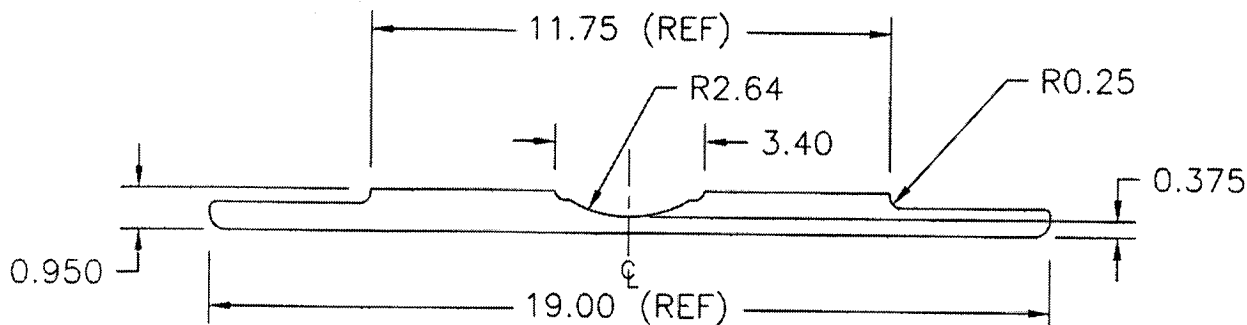
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

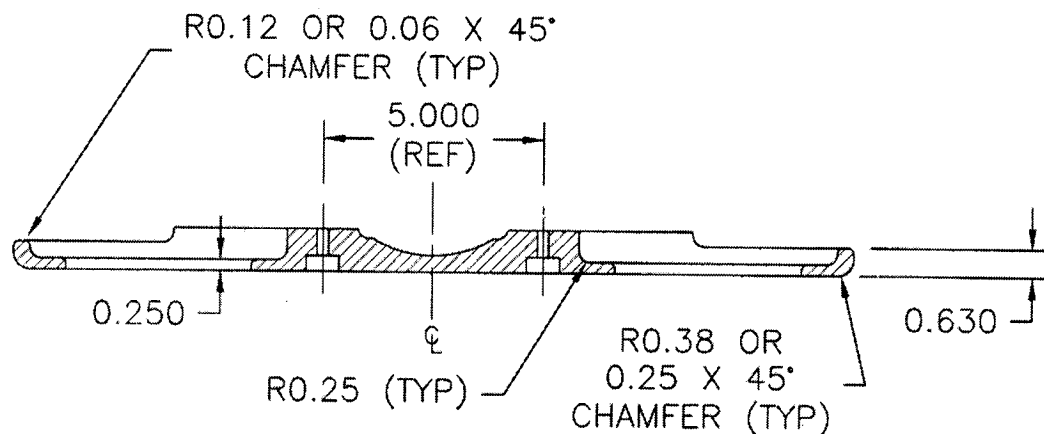
04314



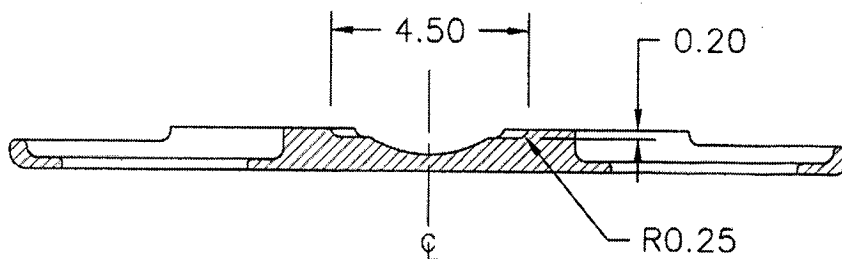
DESIGN #	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED #	APPROVED #	DRAWING NO. D3034	REV. A SHEET 2 OF 2
DATE 01.06.21	TITLE BEARPAW		SCALE 1:4



VIEW A-A  
(ROTATED 90° CCW)



SECTION B-B  
(ROTATED 90° CCW)



SECTION C-C  
(ROTATED 90° CCW)

RELEASED  
01.06.26

Copyright © 2001 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries